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Technical resources

## **Portable tissue grinder**

Model: ZZYM

<https://www.tencanballmills.com/en/products/research-equipment/portable-tissue-grinder.html>

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# Portable tissue grinder

Model: ZZYM

Portable tissue grinder designed for rapid homogenization of hair, sputum, plants, food, and microbial samples. Ideal for lab, field, and clinical use.

## Technical specifications

|                      |                      |
|----------------------|----------------------|
| Processing capacity  | 5ml*2/2ml*4/2ml*6    |
| Grinding time        | 1-9999 s, adjustable |
| Power supply voltage | DC12V                |

These specifications describe the series. Confirm the selected model, power supply and configuration before ordering.



The portable tissue grinder performs three-dimensional movement in the horizontal direction to

grind the sample. The inertia of the grinding balls/beads drives them to impact the sample material located on the arc-shaped inner surface with high energy, thereby achieving the effect of crushing and grinding. The movement of the adapter can be superimposed with the movement of the internal ball to thoroughly mix the sample.

## 粉碎系列 产品介绍

便携式组织研磨仪是在水平方向上进行三维运动，对样品进行研磨。研磨球/小珠的惯性带动它们以高能量撞击位于弧形内表面的样品材料，从而达到粉碎研磨的效果。适配器的运动可与内部小球的运动叠加，将样品充分混和。

## 粉碎系列 产品特点

- 1.便携式设计，体积小重量轻，方便携带。
- 2.通量高，效果好，快速准确。
- 3.强大的搅拌裂解、研磨或均质化。
- 4.操作简单，安全设计，保证操作安全。
- 5.便携式移动电源适配，随时随地可使用。

粉碎系列

# 产品用途

应用领域：适用于毛发、痰液、植物、食品、微生物等各种组织研磨。



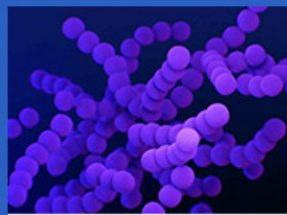
毛发



植物



食品



微生物



It is suitable for grinding various tissues such as hair, sputum, plants, food, and microorganisms.

## Technical parameters

| model               | ZZYM-06                        |
|---------------------|--------------------------------|
| Throughput          | 5ml*2/2ml*4/2ml*6              |
| Supply voltage      | DC12V                          |
| Battery capacity    | 6000mAh                        |
| Grinding time       | 1-9999S arbitrarily adjustable |
| Security protection | work safety lock               |
| Noise level         | <54dB                          |

| model             | ZZYM-06                             |
|-------------------|-------------------------------------|
| Working principle | Use 3D motion mode to grind samples |
| size              | 210*140*150 mm                      |
| weight            | 2Kg                                 |

1. Portable design, small size and light weight, easy to carry.
2. High throughput, good effect, fast and accurate.
3. Powerful stirring for lysis, grinding or homogenization.
4. Simple operation and safe design ensure safe operation.
5. Portable mobile power adapter, can be used anytime and anywhere.

## Contact

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Before operation, review the selected model's instructions and the material requirements.